# SAFETY DATA SHEET

## Alcohol Wipes

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Alcohol Wipes for FUELSTAT® Test kits

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Surface cleaning and disinfection

### 1.3 Details of the supplier of the safety data sheet

Conidia Bioscience Ltd
Unit 6 Surrey Technology Centre
40 Occam Road
Guildford, Surrey, GU2 7YG, UK
Tel: +44(0)1491 829102
Email: info@conidia.com

### 1.4 Emergency telephone number

Tel. 01491 829102 (mon to fri 9am to 5pm)

## SECTION 2: Hazards Identification

### 2.1 Classification of the substance or mixture

**Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008**

Flam. Liq. 2 H225 Highly flammable liquid and vapour
Eye Irrit. 2 H319 Causes serious eye irritation

### 2.2 Label elements

Labelling in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008



**Signal word: Danger**

H225 Highly flammable liquid and vapour
H319 Causes serious eye irritation
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.

### 2.3 Other hazards

In confined spaces, vapours may build up to form flammable vapour/air mixtures.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable - product is a mixture

### 3.2 Mixtures

Ethanol impregnated onto a paper tissue

| Name | CAS or EC No, | Concentration | Classification |
|---|---|---|---|
| **Ethanol** | CAS 64-17-5<br>EC 200-578-6 | 75% | Flam. Liq. 2 H225<br>Eye Irrit. 2 H319<br>*In accordance with CLP 1272/2008* |

See section 16 for full description of H statements.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**EYE CONTACT:** Wash thoroughly with water for several minutes and obtain medical attention if signs of discomfort.
**INHALATION:** Remove from exposure. If breathing becomes difficult call a doctor.
**SKIN CONTACT:** Wash off with soap and water.
**INGESTION:** If swallowed, rinse mouth with water.

### 4.2 Most important symptoms and effects, both acute and delayed

**EYE CONTACT:** If liquid from the wipe gets into the eye it may cause redness, stinging, watering of the eye.
**INHALATION:** Symptoms unlikely from use of small numbers of wipes, but inhalation of large amounts may cause headaches, dizziness, unconsciousness.
**SKIN CONTACT:** Prolonged skin contact may cause drying of the skin.
**INGESTION:** Ingestion of the liquid may cause irritation to the mouth and throat, and symptoms similar to inhalation.

### 4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Water spray, alcohol resistant foam, dry powder and carbon dioxide extinguishers are suitable.

### 5.2 Special hazards arising from the substance or mixture

No special hazards.

### 5.3 Advice for fire fighters

Fire fighters should wear protective clothing and breathing apparatus as appropriate.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Exclude unnecessary personnel. Open doors and windows to ensure good ventilation. Eliminate ignition sources.

### 6.2 Environmental precautions

Prevent entry into sewers and watercourses.

### 6.3 Methods and materials for containment and clearing up

Collect wipes and place in a sealable container for disposal.

### 6.4 References to other sections

See section 8 and 13 for further advice.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure adequate ventilation. Avoid contact with eyes and prolonged contact with skin. Keep away from sources of ignition.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in its original labelled container in a cool, well ventilated area, away from heat, sparks and other sources of ignition. Keep out of reach of children and animals.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

List entry in the directive: FLAMMABLE LIQUIDS; P5c

Lower tier requirements: 5,000 t

Higher tir requirements: 50,000 t

### 7.3 Specific end use(s)

No special precautions.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**EXPOSURE LIMITS**

| Substance | 8 hour exposure limit | 15 minute exposure limit | Source, Type |
|---|---|---|---|
| **Ethanol** | 1000 ppm (1920 $mg/m^3$) | - | EH40 2011 |

**DNELS**

No information available.

**PNECS**

No information available.

### 8.2 Exposure controls

Normal room ventilation is expected to be adequate. If large numbers of wipes are being used in an enclosed space then additional local exhaust ventilation may be required.

**Respiratory protection**
Not normally required.

**Hand Protection**
If large numbers of wipes or prolonged contact is expected, then suitable gloves may be required. Butyl rubber, nitrile rubber, Viton (fluoroelastomer) may be suitable, but glove manufacturers recommendations should always be checked.

**Eye protection**
If large numbers of wipes are being used, then safety glasses or goggles may be appropriate.

**Skin protection**
If large numbers of wipes or prolonged contact is expected, then suitable protective clothing should be worn. Remove protective clothing when contaminated and wash before reuse.

**Environmental Exposure Controls**
Not normally required.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| **(a) Physical Sate:** | Clear liquid absorbed onto towelling |
| **(b) Colour:** | Colourless |
| **(c) Odour:** | Alcoholic odour |
| **(d) Melting point/freezing point:** | No data available |
| **(e) Boiling point or initial boiling point and boiling range:** | No data available |
| **(f) Flammability:** | Flammable |
| **(g) Lower and upper explosion limit:** | No data available |
| **(h) Flash point:** | 22°C |
| **(i) Auto-ignition temperature:** | No data available |
| **(j) Decomposition temperature:** | No decomposition when used under normal conditions |
| **(k) pH:** | 6.8 |
| **(l) Kinematic viscosity:** | No data available |
| **(m) Solubility:** | Miscible in water |
| **(n) Partition coefficient n-octanol/water (log value):** | No data available |
| **(o) Vapour pressure:** | No data available |

| | |
|---|---|
| **(p) Density and/or relative density:** | No data available |
| **(q) Relative vapour density :** | No data available |
| **(r) Particle characteristics:** | not known |

### 9.2 Other information
None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity
Not considered to be reactive.

### 10.2 Chemical stability
Stable under normal conditions.

### 10.3 Possibility of hazardous reactions
None expected.

### 10.4 Conditions to avoid
Avoid exposure to high and freezing temperatures.

### 10.5 Incompatible materials
Avoid contact with strong oxidisers.

### 10.6 Hazardous decomposition products
None known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects
This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

| | |
|---|---|
| **(a) acute toxicity** | Not expected to present an acute toxicity hazard<br>LD50 (oral, rat) >7060mg/kg |
| **(b) skin corrosion/irritation** | Not expected to irritating to skin. Prolonged and frequent exposure maydry the skin. |
| **(c) serious eye damage/irritation** | If liquid from the wipe gets into the eye it may cause irritation |
| **(d) respiratory/skin sensitisation** | Not expected to be sensitising |
| **(e) germ cell mutagenicity** | Not expected to be mutagenic |
| **(f) carcinogenicity** | Not expected to be carcinogenic |
| **(g) reproductive toxicity** | Not expected to be reprotoxic. |
| **(h) STOT-single exposure** | Inhalation of vapours may cause drowsiness and dizziness |
| **(i) STOT-repeated exposure** | Classification criteria not met. |
| **(j) aspiration hazard** | Not expected to present an aspiration hazard. |

### 11.2 Information on other hazards
Not applicable

## SECTION 12: Ecological information

### 12.1 Toxicity
Not expected to be toxic to the environment.
Toxicity to fish: LC50: 14200 mg/l, 96 h, Pimephales promelas

Toxicity to invertabrates: EC50: 9280 mg/l, 48 h, Water Flea

Toxicity to algae : EC50: 275 mg/l, 72 h, Chlorella Vulgaris

### 12.2 Persistence and degradability
No data available.

### 12.3 Bioaccumulative potential
No data available.

### 12.4 Mobility in soil
Will quickly evaporate and is expected to partition into the air compartment. Log Pow -0.32.

### 12.5 Results of PBT and vPvB assessment
Not applicable.

### 12.6 Endocrine disrupting properties
None known.

### 12.7 Other adverse effects
None known.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods
Wastes should be disposed of in accordance with local regulations.
Unused product may be disposed of by incineration.
For used product, consideration should be given to any contaminants before deciding on the disposal method.

## SECTION 14: Transport information

### 14.1 UN Number or ID number
UN number: UN 3175

### 14.2 UN Proper Shipping Name
Proper shipping name: SOLIDS CONTAINING FLAMMABLE LIQUID N.O.S (ethanol)

### 14.3 Transport hazard class(es)
Class: 4.1
Labels: 4.1

### 14.4 Packing Group
Packing group: II

### 14.5 Environmental hazards
Marine pollutant

### 14.1 Special precautions for users
| | |
|---|---|
| Limited quantities | 1kg |

IATA-DGR

| | |
|---|---|
| Packing instruction (cargo aircraft): | 445 |
| Packing instruction (passenger aircraft): | 448 |

IMDG-Code

| | |
|---|---|
| EmS Code: | F-A, S-I |

This product contains does not need to be transported as dangerous goods, when in accordance with UN 3175 Special Provision 216 (ADR/RID/IMDG) and Special Provision A46 (IATA).

### 14.7 Maritime transport in bulk according to IMO instruments
Not applicable for product as supplied.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
All components are listed as existing substances in Europe.

EU legislation:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

REGULATION (EU) No 528/2012 (as amended) concerning the making available on the market and use of biocidal products.

### 15.2 Chemical Safety Assessment
A Chemical Safety Assessment has not been carried out for this product. A Chemical Safety Assessment has been carried out for the main component, propan-2-ol.

## SECTION 16: Other Information

**Revision information:**
SDS reviewed – no significant changes

**List of Abbreviations used in this SDS:**

| | |
|---|---|
| CAS | Chemical Abstracts Service |
| CLP | Classification, Labelling and Packaging Regulation (EC) no 1272/2008 DSD Dangerous Substances Directive 67/548/EEC |
| DPD | Dangerous Preparations Directive 1999/45/EC EC European Community/Commission |
| PBT | Persistent, Bioaccumulative and Toxic |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006 |
| vPvB | very Persistent, very Bioaccumulative |

**References:**
CLP Regulation 1272/2008
ECHA Chem database of registered substances
Suppliers SDS

**Method used for classification of mixtures:**
Ingredient based approaches

**H Statements used in Section 3**

| | |
|---|---|
| H225 | Highly flammable liquid and vapour |
| H319 | Causes serious eye irritation |

**Training requirements for workers**
No special training requirements.

| | |
|---|---|
| Revision Date: | 7/10/2024 |
| Version number: | 2.1 |
| Revision Comments: | Changed UK address |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transport, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

FUELSTAT®

ConidiaBioscience

## Who we are:

FUELSTAT® fuel tests are developed, manufactured and marketed by Conidia Bioscience Limited. Based in UK, Conidia Bioscience Limited was founded in early 2000's by experts in immunoassay techniques and holds the internationally patented intellectual property for FUELSTAT®.

FUELSTAT® Result is hosted by Conidia Bioscience Limited and its service partners on secure servers and does not share any data with third parties.

## Where to find us:

FUELSTAT® is distributed globally by a network of specialist distributors covering the major sectors. Contact info@conidia.com who will arrange for a distributor to support you.


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